

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A printer having a function to control quality of an output image, comprising:

output means for outputting a first test pattern for automatic measurement of image quality and a second test pattern for visual evaluation;

measuring means for automatically measuring the image quality of said first test pattern for the automatic measurement of the image quality;

determining means for determining the image quality from image quality data obtained through said automatic measurement by means of said measuring means to obtain determination results;

inputting means for inputting evaluation results of the visual evaluation of said second test pattern for the visual evaluation;

storage means for storing said image quality data obtained through said automatic measurement, said determination results and said evaluation results of said visual evaluation; and

display means for displaying said stored image quality data, said determination results, said evaluation results of the visual evaluation and history thereof.

2. (original): The printer according to claim 1, wherein said first test pattern for the automatic measurement of the image quality pertains to at least one of density, format and sharpness.
3. (original): The printer according to claim 1, wherein said second test pattern for the visual evaluation is at least one of an SMPTE pattern and a standard clinical image.
4. (original): The printer according to claim 1, wherein said printer outputs said first test pattern for the automatic measurement of the image quality and said second test pattern for the visual evaluation on a single sheet.
5. (original): The printer according to claim 1, wherein said printer is a medical printer that outputs a transmitting monochrome film.
- 6-8. (canceled)
9. (new): The printer according to claim 1, wherein said history being displayed is of a sequence of evaluations results of the test patterns.
10. (new): The printer according to claim 9, wherein said sequence being displayed is arranged in terms of times and dates.

11. (new): The printer according to claim 2, wherein said automatic measurement of the image quality pertaining to density, consists of a pattern for measuring three densities: high density, medium density and low density.

12. (new): The printer according to claim 1, wherein said output means further outputs a diagnostic image for a medical use on a recording material in accordance with medical image data, and records said first test pattern for the automatic measurement of the image quality on a marginal area of said recording material.

13. (new): The printer according to claim 12, wherein said marginal area of said recording material on which said first test pattern for the automatic measurement of the image quality is recorded is a part of said recording material concealed by a member of a viewer for observing said diagnostic image on said recording material when said diagnostic image on said recording material is observed on said viewer.

14. (new): The printer according to claim 1, wherein, when said determining means determines that said determination results exceed a preset allowable range, a warning is displayed on said display means.

15. (new): The printer according to claim 1, wherein said output means outputs a transmitting medical monochrome film.